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PTO/SB/083/b (08-03)

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| <b>Substitute for Form 1449A/B/PTO</b><br><br><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b><br><br><i>(Use as many sheets as necessary)</i> |   |    | <b>Complete If Known</b> |                        |              |
|  |   |    | Application Number       | 10/622,609-Conf. #4313 |              |
|  |   |    | Filing Date              | July 18, 2003          |              |
|  |   |    | First Named Inventor     | Eiji Nakata            |              |
|  |   |    | Art Unit                 | 2655                   |              |
|  |   |    | Examiner Name            | Not Yet Assigned       |              |
| Sheet  | 1 | of | 1                        | Attorney Docket Number | 04536/018001 |

| U.S. PATENT DOCUMENTS |                       |  |                                |   |   |
|-----------------------|-----------------------|--|--------------------------------|---|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                       |                       | Number-Kind Code <sup>2</sup> (if known) |                                |   |   |
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| FOREIGN PATENT DOCUMENTS |                       |                           |  |                                |   |   |
|--------------------------|-----------------------|---------------------------|--|--------------------------------|---|---|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   |  | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                          |                       | Country Code <sup>3</sup> | Number-Kind Code <sup>4</sup> (if known) |                                |   |   |
| TC                       | BA                    | JP                        | 11-249824                                | 09/17/1999                     | Matsushita Electric Ind. Co. Ltd                |   |
| TC                       | BB                    | JP                        | 09-63395                                 | 03/07/1997                     | Toshiba Corp                                    |   |
| TC                       | BC                    | JP                        | 11-54018                                 | 02/26/1999                     | Mitsubishi Electric Corp                        |   |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS |                       |   |  |  |
|---------------------------------|-----------------------|---|--|--|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |  |
| TC                              | CA                    | Japanese Office Action dated 12/10/2004 (5 pages)   |  |  |
| TC                              | CB                    | Patent Abstracts of Japan; Publication No. 11-249824 dated 9/17/1999 (1 page)   |  |  |
| TC                              | CC                    | Patent Abstracts of Japan; Publication No. 09-063395 dated 3/7/1997 (1 page)  |  |  |
| TC                              | CD                    | Patent Abstracts of Japan; Publication No. 11-054018 dated 2/26/1999 (1 page)   |  |  |

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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| Examiner Signature | /Tianjie Chen/ | Date Considered | 05/10/2006 |
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Eiji NAKATA

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/Tianjie Chen/

05/10/2006

**SHEET 2      OF 2**

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Applicant(s)

Eiji NAKATA

Filing Date

07/18/2003

Group Art Unit

2627

**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER    | DATE       | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----|--------------------|------------|------|-------|----------|-------------------------------|
| TC                  | A1  | US 2002/0007447 A1 | 01/17/2002 | Oue  | 711   | 162      | 07/13/2001                    |
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**FOREIGN PATENT DOCUMENTS**

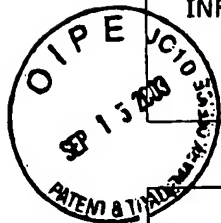
|    | REF | DOCUMENT NUMBER | DATE       | COUNTRY | CLASS | SUBCLASS | Translation |    |
|----|-----|-----------------|------------|---------|-------|----------|-------------|----|
|    |     |                 |            |         |       |          | YES         | NO |
| TC | B1  | 2002-32198      | 01/31/2002 | Japan   | G06F  | 3/06     |             | ✓  |
| TC | B2  | 2002-23965      | 01/25/2002 | Japan   | G06F  | 3/06     |             | ✓  |
| TC | B3  | 2001-135010     | 05/18/2001 | Japan   | G11B  | 19/02    |             | ✓  |
| TC | B4  | 2000-81978      | 03/21/2000 | Japan   | G06F  | 9/445    |             | ✓  |
| TC | B5  | 9-146713        | 06/06/1997 | Japan   | G06F  | 3/06     |             | ✓  |

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER /Tianjie Chen/ DATE CONSIDERED 05/10/2006

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|   |                                   |                           |
|---|-----------------------------------|---------------------------|
| INFORMATION DISCLOSURE STATEMENT<br>(Use several sheets if necessary) | ATTY. DOCKET NO.:<br>04536.018001 | SERIAL NO.:<br>10/622,609 |
|   | APPLICANT:<br>Eiji NAKATA         |                           |
|   | FILING DATE:<br>July 18, 2003     | ART UNIT:                 |

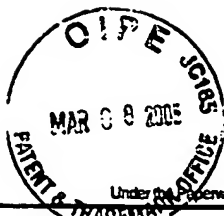
## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIALS | REF | DOCUMENT NO. | DATE | COUNTRY | TRANSLATION |    |
|----------------------|-----|--------------|------|---------|-------------|----|
|                      |     |              |      |         | YES         | NO |
|                      |     |              |      |         |             |    |

## OTHER DOCUMENTS

| EXAMINER<br>INITIALS | REF | (Include Author, Title, Date, Pertinent Pages, etc.)  |
|----------------------|-----|---|
| TC                   | A1  | Comments on Japanese Patent Laying-Open No. 2002-32198 (01/31/2002) previously filed in an IDS for this matter on July 18, 2003, 1 pg.  |
| TC                   | A2  | Comments on Japanese Patent Laying-Open No. 2002-23965 (01/25/2002) previously filed in an IDS for this matter on July 18, 2003, 1 pg.  |
| TC                   | A3  | Comments on Japanese Patent Laying-Open No. 2001-135010 (05/18/2001) previously filed in an IDS for this matter on July 18, 2003, 1 pg. |
| TC                   | A4  | Comments on Japanese Patent Laying-Open No. 2000-81978 (03/21/2000) previously filed in an IDS for this matter on July 18, 2003, 1 pg.  |
| TC                   | A5  | Comments on Japanese Patent Laying-Open No. 9-146713 (06/06/1997) previously filed in an IDS for this matter on July 18, 2003, 1 pg.    |
| TC                   | A6  | Comments on Japanese Patent Laying-Open No. 61-70201 (05/14/1986) previously filed in an IDS for this matter on July 18, 2003, 1 pg.    |

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| EXAMINER: /Tianjie Chen/   | DATE CONSIDERED: 05/10/2006 |
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PTO/SB/08a/b (09-03)

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|   |   |    |   |                          |                        |
|---|---|----|---|--------------------------|------------------------|
| Substituted for form 1449A/B/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    |   | <b>Complete If Known</b> |                        |
|   |   |    |   | Application Number       | 10/622,609-Conf. #4313 |
|   |   |    |   | Filing Date              | July 18, 2003          |
|   |   |    |   | First Named Inventor     | Eiji Nakata            |
|   |   |    |   | Art Unit                 | 2655-2627              |
|   |   |    |   | Examiner Name            | Not Yet Assigned       |
| Sheet   | 1 | of | 1 | Attorney Docket Number   | 04536/018001           |

| U.S. PATENT DOCUMENTS |                          |   |                                |  |   |
|-----------------------|--------------------------|---|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          |   |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                          |  |                                   |  |  |                |
|--------------------------|--------------------------|--|-----------------------------------|--|--|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
| Ch                       | BA                       | JP-11-249824   | 09/17/1999                        | Matsushita Electric Ind. Co. Ltd                   |  |                |
| Ch                       | BB                       | JP-09-63395  | 03/07/1997                        | Toshiba Corp                                       |  |                |
| Ch                       | BC                       | JP-11-54018  | 02/26/1999                        | Mitsubishi Electric Corp                           |  |                |

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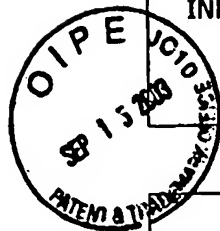
| NON PATENT LITERATURE DOCUMENTS |                          |   |                |
|---------------------------------|--------------------------|---|----------------|
| Examiner<br>Initials*           | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| Ch                              | CA                       | Japanese Office Action dated 12/10/2004 (5 pages)   |                |
|                                 | CB                       | Patent Abstracts of Japan; Publication No. 11-249824 dated 9/17/1999 (1 page)   |                |
|                                 | CC                       | Patent Abstracts of Japan; Publication No. 09-063395 dated 3/7/1997 (1 page)  |                |
| Ch                              | CD                       | Patent Abstracts of Japan; Publication No. 11-054018 dated 2/26/1999 (1 page)   |                |

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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| Examiner<br>Signature | Chen Fengye | Date<br>Considered | 05/09/2006 |
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| INFORMATION DISCLOSURE STATEMENT<br>(Use several sheets if necessary) | ATTY. DOCKET NO.:<br>04536.018001 | SERIAL NO.:<br>10/622,609 |
|   | APPLICANT:<br>Eiji NAKATA         |                           |
|   | FILING DATE:<br>July 18, 2003     | ART UNIT:<br>2627         |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIALS | REF | DOCUMENT NO. | DATE | COUNTRY | TRANSLATION |    |
|----------------------|-----|--------------|------|---------|-------------|----|
|                      |     |              |      |         | YES         | NO |
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## OTHER DOCUMENTS

| EXAMINER<br>INITIALS | REF | (Include Author, Title, Date, Pertinent Pages, etc.)  |
|----------------------|-----|---|
| <i>Ch</i>            | A1  | Comments on Japanese Patent Laying-Open No. 2002-32198 (01/31/2002) previously filed in an IDS for this matter on July 18, 2003, 1 pg.  |
| <i>Ch</i>            | A2  | Comments on Japanese Patent Laying-Open No. 2002-23965 (01/25/2002) previously filed in an IDS for this matter on July 18, 2003, 1 pg.  |
| <i>Ch</i>            | A3  | Comments on Japanese Patent Laying-Open No. 2001-135010 (05/18/2001) previously filed in an IDS for this matter on July 18, 2003, 1 pg. |
| <i>Ch</i>            | A4  | Comments on Japanese Patent Laying-Open No. 2000-81978 (03/21/2000) previously filed in an IDS for this matter on July 18, 2003, 1 pg.  |
| <i>Ch</i>            | A5  | Comments on Japanese Patent Laying-Open No. 9-146713 (06/06/1997) previously filed in an IDS for this matter on July 18, 2003, 1 pg.    |
| <i>Ch</i>            | A6  | Comments on Japanese Patent Laying-Open No. 61-70201 (05/14/1986) previously filed in an IDS for this matter on July 18, 2003, 1 pg.    |

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| EXAMINER: <i>Chris Tienjue</i>   | DATE CONSIDERED: <i>05/06/2006</i> |
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**INFORMATION DISCLOSURE CITATION**  
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Applicant(s)

Eiji NAKATA

Filing Date

07/18/2003

Group Art Unit

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**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER    | DATE       | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----|--------------------|------------|------|-------|----------|-------------------------------|
| Chen                 | A1  | US 2002/0007447 A1 | 01/17/2002 | Oue  | 711   | 162      | 07/13/2001                    |
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**FOREIGN PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER | DATE       | COUNTRY | CLASS | SUBCLASS | Translation |    |
|----------------------|-----|-----------------|------------|---------|-------|----------|-------------|----|
|                      |     |                 |            |         |       |          | YES         | NO |
| Chen                 | B1  | 2002-32198      | 01/31/2002 | Japan   | G06F  | 3/06     |             | ✓  |
|                      | B2  | 2002-23965      | 01/25/2002 | Japan   | G06F  | 3/06     |             | ✓  |
|                      | B3  | 2001-135010     | 05/18/2001 | Japan   | G11B  | 19/02    |             | ✓  |
|                      | B4  | 2000-81978      | 03/21/2000 | Japan   | G06F  | 9/445    |             | ✓  |
| Chen                 | B5  | 9-146713        | 06/06/1997 | Japan   | G06F  | 3/06     |             | ✓  |

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

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**INFORMATION DISCLOSURE CITATION**  
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|                                    |                               |
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| Applicant(s)<br><b>Eiji NAKATA</b> |                               |
| Filing Date<br><b>07/18/2003</b>   | Group Art Unit<br><b>2627</b> |

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
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**FOREIGN PATENT DOCUMENTS**

|           | REF | DOCUMENT NUMBER | DATE       | COUNTRY | CLASS | SUBCLASS | Translation |    |
|-----------|-----|-----------------|------------|---------|-------|----------|-------------|----|
|           |     |                 |            |         |       |          | YES         | NO |
| <i>Ch</i> | B6  | 61-70201        | 05/14/1986 | Japan   | G05B  | 9/02     |             | ✓  |
|           |     |                 |            |         |       |          |             |    |
|           |     |                 |            |         |       |          |             |    |
|           |     |                 |            |         |       |          |             |    |
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**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

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| EXAMINER<br><i>Chen Jinyu</i> | DATE CONSIDERED<br><i>05/29/2006</i> |
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